LISTING OF CLAIMS:

1(Currently Amended). A piston pin bushing having an ~~characterized in that the~~ overlay surface ~~thereof exhibits the following~~ exhibiting parameter values at least in a ~~the~~ main load area of the bushing measured over a ~~the bushing~~ cross-section in an ~~the~~ axial direction of the bushing of:

- at a depth of at most 1.800 µm, a ~~the~~ being ratio ~~amounts~~ amounting to a minimum of 99.0%;
- a ~~the~~ depth of ~~the~~ roughness core profile ~~amounts~~ amounting to a maximum of 0.30µm; and
- a ~~the~~ material ratio Mrl of the roughness core profile ~~amounts~~ amounting to a maximum of 8%.

2(Currently Amended). A piston pin bushing according to claim 1, ~~characterized in that~~ wherein the material ratio Mrl of the roughness core profile amounts to a maximum of 7%.

3(Currently Amended). A piston pin bushing according to claim 1 ~~or claim 2, characterized in that~~ wherein the bearing ratio amounts to a minimum of 99.0% at a depth of at most 0.900 µm.

4(Currently Amended). A piston pin bushing according to claim 3, ~~characterized in that~~ wherein the depth of the roughness core profile amounts to a maximum of 0.15 µm.

5(Currently Amended). A piston pin bushing according to ~~any one of claims 1 to 4, characterized in that~~ claim 1, wherein the overlay consists of a lead-free copper-based alloy.

6(Currently Amended). A piston pin bushing according to claim 5, ~~characterized in that~~ wherein the overlay ~~consists of~~ is selected from the group consisting of a copper-aluminum, a copper-zinc or a copper-tin-zinc alloy.

7(Currently Amended). A piston pin bushing according to claim 1 ~~claims 1 to 6, characterized in that the~~, wherein a frequency distribution of the roughness profile of the overlay topography exhibits a half width of at most 0.20 µm.

8(Currently Amended). A piston pin bushing according to claim 1 ~~claims 1 to 7, characterized in that the~~, wherein a frequency distribution of the roughness profile of the overlay topography exhibits a half width of at most 0.10 µm.

9(Currently Amended). A method of producing a piston pin bushing ~~according to any one of claims 1 to 8, characterized in that~~ having an overlay surface exhibiting parameter values at least in a main load area of the bushing measured over a cross-section in an axial direction of the bushing of:

- at a depth of at most 1.800 µm, a being ratio amounting to a minimum of 99.0%;
- a depth of roughness core profile amounting to a maximum of 0.30µm; and
- a material ratio Mrl of the roughness core profile amounting to a maximum of 8%; wherein the overlay of the piston pin bushing is finished by a surface treatment method.

10(Currently Amended). A method according to claim 9, wherein ~~characterized in that~~ the overlay of the piston pin bushing is finished by plateau honing.